

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method of treating native tissue of mammalian origin comprising immersing said tissue in a treating solution, and irradiating the tissue with microwave while maintaining the temperature of the tissue in the range between 0°C and 40°C.
2. (Original) The method of claim 1 wherein said treatment is decellularization of said tissue, and wherein said treating solution is water, a hypertonic solution, a hypotonic solution, a detergent solution, an enzyme solution, a liquid medium, or a mixture thereof with a small proportion of an organic solvent.
3. (Original) The method of claim 1 wherein said treatment is chemical fixation of said tissue, and wherein said treating solution is a solution containing glutaraldehyde.
4. (Currently Amended) The method of claim 1 ~~or 2 or 3~~ wherein said tissue is irradiated with microwave at a frequency of 2450 MHz for a net period of time from 1 hour to 1 week.
5. (Currently Amended) The method of ~~any one of claims 1-4~~ Claim 1 wherein said native tissue to be treated is soft tissue including vascular vessel, heart valve, heart sac, cornea, amionion and dura.
6. (Currently Amended) The method of ~~any one of claims 1-4~~ Claim 1 wherein said native tissue to be treated is hard tissue including bone, cartilage and teeth.
7. (Currently Amended) The method of ~~any one of claims 1-4~~ Claim 1 wherein said native tissue to be treated is an organ or part thereof including heart, kidney, liver, pancreas, brain and part thereof.
8. (Original) The method of claim 2 further comprising the step of washing said tissue with a fresh washing liquid following said irradiation step to remove destructed donor cells.
9. (Original) The method of claim 2 wherein said native tissue to be treated has been pre-treated to facilitate the removal of donor cells.